

D'Pure

Antimicrobial Multi-purpose Disinfectant



Kills 99.99% of germs & viruses in 1 minute

Effective against: Bacteria, germs, viruses (coronavirus, influenza), biofilms, mould & yeast

- Alcohol-free
- Acetaldehyde-free
- Methanol-free
- Chlorine-free
- QACs-free
- Eco-Friendly
- Non-flammable
- Non-corrosive
- Safe and easy to handle
- Silver Ions Residue to prevent renewed contamination (Up to 18 Hours)

Product Description

D'Pure is an antimicrobial with medical DGHM/VAH certification and long-lasting depot effect.

D'Pure is based on the proven **SANO-D Accelerated Hydrogen Peroxide/Silver Ions Formulation** which decomposes practically 100% to water and oxygen after application. No flammable or malodorous vapours are released. The main active ingredient is the environmentally friendly Accelerated Hydrogen Peroxide, which is stabilized and its effect against microorganisms is massively increased by adding silver.

The slightest traces of silver ions remaining on hands after disinfection inhibit new microbial growth over a period of up to 18 hours.

Working Principle

1. The oxygen split off by the hydrogen peroxide attacks the cell walls of the microorganisms through oxidation, these are denatured and destroyed.
2. The effect is enhanced by silver ions, which catalytically increase the effect of the Accelerated Hydrogen Peroxide. This forms a bond with the disulphide bridge of certain proteins of organisms, inactivating or precipitating these proteins.



On microbiological examination in accordance with ASTM Standards: E 2315- 2016, the following results were obtained:

Test microorganism	Count of Surviving Test Microorganism, CFU/mL @ 0 minute	Count of Surviving Test Microorganism, CFU/mL @ 1 minutes	Percentage Kill of Test Microorganism, %
<i>Escherichia coli</i> ATCC 25922	1.9 x 10 ⁶	0	99.99
<i>Staphylococcus aureus</i> ATCC 25923	2.4 x 10 ⁶	0	99.99
<i>Pseudomonas aeruginosa</i> ATCC 9027	3.9 x 10 ⁶	0	99.99
<i>Salmonella enterica subsp. enterica serovar Typhimurium</i> ATCC 14028	2.2 x 10 ⁶	0	99.99
<i>Bacillus subtilis</i> ATCC 6633	7.6 x 10 ⁵	0	99.99
<i>Enterobacter aerogenes</i> ATCC 13048 (Coliform)	3.7 x 10 ⁶	0	99.99
<i>Candida albicans</i> ATCC 10231	1.2 x 10 ⁵	0	99.99

Remarks: The above analysis was carried out on neat solution.

Recommended applications

Slightly contaminated/ soiled surfaces without subsequent contact with food:

Typical examples: Examination and treatment couches in the medical and veterinary field, work surfaces in laboratories, high contact points (door knobs, elevator buttons, PC keyboards etc.)

To Disinfect

1. For best results, pre-clean the surface.
2. Use an appropriate amount of wet wipes to clean surface.
3. The surface should be visibly wet.
4. Leave the surface for around 3-5 mins to thoroughly dry.

More heavily soiled areas, food sector:

Typical examples: Fittings, cutting boards, work spaces, machine parts, seals etc.

1. Apply **D'Pure** allow to work for 15-30 mins.
2. clean mechanically and rinse with hot water.

Surface Disinfection Spray-Wipe Method



Step 1

Clean the surface to be treated thoroughly with a cloth and suitable cleaning agent.

Step 2

Put on gloves. Moisten a wipe with undiluted Sanosil S003.

Dosage on smooth surfaces:
30-50 ml /m²



Step 3

Wet the surface to be disinfected with the cloth so that an even, gapless, moist film remains. Avoid the formation of puddles. If drops or puddles remain on smooth surfaces, spread them with the wipe.

Step 4

Allow the agent to dry in.
This normally happens within 15 min.



EFFECTIVENESS

TEST STANDARDS & EXPOSURE TIMES

BACTERIA

Bactericidal

EN1276: low organic load: 5 min
EN1276: organic load: 15 min
EN13697: organic load: 30 min
EN16615: organic load: 15 min

YEAST

Levurocidal

EN1650: organic load: 30 min
EN13697: organic load: 5 min
EN16615: organic load: 5 min

FUNGI

Fungicidal

EN1650: low organic load: 30 min

VIRUS

Virucidal

EN14476: low organic load
(Influenza A *): 30 sec

also applies to coronaviruses according to the Swiss health authority

Precautions for safe handling and storage

- No special measures are necessary.
- Take the usual precautions when handling chemicals
- Avoid contact with eyes
- Store out of reach of children
- Always keep the original container in an upright position.
- Store in normal ambient temperature and avoid direct sunlight.
- Do not return unused portions to the original container.
- Dispose of the contents/container at an approved waste disposal facility.



Manufactured for distribution:

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